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Remarks

The following comments are provided in support of the claims presented.

1. Objections to the Specification:

The Office has objected to the Abstract as using implied phrases including the term "disclosed" on page 44, line 2 and the phrase "the present invention" on page 44, line 10.

Applicants have herein amended the specification to delete the implied phrases in the Abstract to overcome the objection to the specification by the Office.

2. Objections to the Claims:

The Office has objected to Claims 1, 17, 29, 30 and 35 because of certain informalities.

In Claim 1: "the range" (line 8) should be changed to -- a range --; "thereof," (line 8) should be replaced with -- of the portion of the permanent magnets, --; and "the first threshold" (line 14) should be changed to -- a first threshold --.

Applicants have herein amended Claim 1 to make the above amendments with the exception of changing "the first threshold" (line 14) to -- a first threshold --. In lines 8-9 "a first threshold" is recited providing proper antecedent basis for the reference to "the first threshold" in line 14. Therefore, Applicants respectfully submit that there is no need to change "the first threshold" in line 14 as suggested by the Office.

In Claim 17: "the range" (line 10) should be changed to -- a range --; and "the presence" (line 11) should be changed to -- a presence --.

Applicants have herein amended Claim 17 to change "the range" (line 10) to -- a range --. Applicants have further amended Claim 17, line 11 to change "in the presence of" to -- while being present in --.

In Claim 29: -- the -- should be added before "at least" (line 2).

Applicants have herein amended Claim 29, line 2 to change "at least" to -- the at least --.

In Claim 30: -- the -- should be added before "at least" (line 2).

Applicants have herein amended Claim 30, line 2 to change "at least" to -- the at least --.

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In Claim 35: "the range" (line 8) should be changed to -- a range --; "thereof" (line 8) should be replaced with -- of the portion of the permanent magnets --; and "the first threshold" (line 15) should be changed to -- a first threshold --.

Applicants have herein amended Claim 35, line 8 to change "the range" to -- a range --. Applicants respectfully submit that there is no need to change "the first threshold" on line 15 to -- a first threshold -- since there is proper antecedent basis of "the first threshold" on line 10 of Claim 35 where "a first threshold" is recited (i.e. "the first threshold" on line 15 refers back to "a first threshold" on line 10).

Applicants respectfully submit that the amendments presented herein overcome all the objections to the claims set forth by the Office.

3. Allowed Claims:

The Office has indicated that Claims 1 – 36 are allowed.

4. Other Matters:

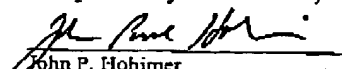
Applicants submit herewith an amendment to the specification to update the Cross Reference to Related Applications to indicate the application serial number and filing date for Attorney Docket No. SD7333S100399, and also to indicate the issued patent number and issue date for this related application.

Conclusion

Applicants have responded to each and every rejection and objection, and urge that the Application is in condition for allowance. A favorable reconsideration and entry of the amendments presented herein is earnestly solicited.

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Respectfully submitted,


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CERTIFICATE OF FACSIMILE

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being sent by Facsimile on the date shown below to the PTO by FAX at 571-273-8300.

Dated: 2/13/07

John P. Hohimer
(Type or print name of person faxing paper)


(Signature of person mailing paper)